

## Sour Power!: Identifying acids and bases (O)

### Part I: Acids in drinks

List different kinds of tastes.

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How would you describe the taste of lemon juice?

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How would you describe the taste of lemon-lime soda (Sprite)?

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How would you describe the taste of water?

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Rank lemon juice, lemon-lime soda, and water from most to least sour.

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### Part II: Acid-base reactions

Background: What does vinegar and/or baking soda taste like?

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Question: Is vinegar acidic or basic? Is baking soda acidic or basic?

Hypothesis: \_\_\_\_\_

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## Sour Power!: Identifying acids and bases (p)

### Part I: Acids in drinks

Circle which of the following describes lemon juice?

Sweet      Salty      Sour      No taste

Circle which of the following describes lemon-lime soda (Sprite)?

Sweet      Salty      Sour      No taste

Circle which of the following describes water?

Sweet      Salty      Sour      No taste

Rank the following from most sour (1) to least sour (3).

\_\_\_\_\_ Water

\_\_\_\_\_ Lemon juice

\_\_\_\_\_ Lemon-lime soda

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### Part II: Acid-base reactions

**Predictions (circle one)**

I think vinegar is an/a:

Acid  
(more like lemon juice)

Base  
(more like egg white)

I think baking soda is an/a:

Acid  
(more like lemon juice)

Base  
(more like egg white)